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SUPERFUND BRANCH

February 2, 1987

Mr. Larry Wright
Chief, Superfund Enforcement Section
U. S. Environmental Protection Agency
1201 Elm Street
Dallas, Texas 75270

Re: Koppers' South Cavalcade Site
157373

Dear Mr. Wright:

The purpose of this letter is to summarize the findings made by Koppers' representative, Mike Helbling, during his survey of the site on November 11, 1986. His visit was to determine the feasibility of conducting a magnetometer survey on the property of Palletized Trucking, Inc. as a part of the continuing search for the abandoned well believed to be on-site.

Based on historical records, employee interviews, and aerial photographs, it is thought that the plant well was located under the water tower, which is thought to have been in front of Palletized Trucking's office building in the area of the parking lot. The following cultural effects pose severe limitations on any attempt to locate this alleged well using a magnetometer:

- o Reinforced concrete construction of the parking lot.
- o Office building immediately adjacent to the site.
- o Cyclone fences running along two sides of the site.
- o Overhead and underground utilities.
- o Railroad tracks and traffic.
- o Heavy truck traffic.

There would also be a problem of characterization of anomalies. Under ideal circumstances, the well would have a distinct magnetic signature, but due to the amount of time the material has been in the ground and the area's complex magnetic field, this may not be the case. The combination of these factors reduces the likelihood of locating the alleged plant well using magnetic sensing techniques to less than 50 percent. Additionally, excavation in the area of any reasonable magnetic anomaly would be extremely expensive, cause substantial damage to Palletized Trucking's parking lot and disrupt the company's normal operations.

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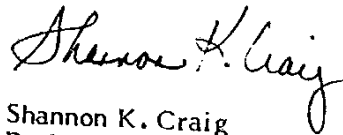
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In reference to the EPA document, "Methods for Determining the Location of Abandoned Wells," Mr. Helbling points out that these methods are largely related to the location of oil and gas wells in less developed areas. We feel that our problem is somewhat more complicated, considering the smaller mass and size of the well and the masking effect of the complex background magnetic field.

In conclusion, based on Mr. Helbling's report to Koppers, we do not feel that a magnetometer survey is a feasible alternative.

Sincerely,



Shannon K. Craig
Project Manager
for James R. Campbell, Ph.D.
Program Manager, Previously Operated Properties

SKC:ss
KSC-RI/FS-67
cc: D. Sorrels, TWC
J. R. Campbell

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